

## CLAIMS

1        1. Cement paint, comprising a pigmenting substance, a cement binder and  
2        a fluidizing liquid, and further comprising at least: a calcareous aggregate  
3        comprising calcareous granules of calcium carbonate  $\text{CaCO}_3$  having  
4        maximum sizes smaller than 100 microns, a vitreous aggregate comprising  
5        vitreous granules having maximum sizes smaller than 100 microns, and a  
6        photo catalyst to oxidize polluting substances in the presence of light and air.

1        2. Cement paint as claimed in Claim 1, wherein said calcareous granules  
2        have maximum sizes smaller than 50 microns and wherein said vitreous  
3        granules have maximum sizes smaller than 50 microns.

1        3. Cement paint as claimed in Claim 1, wherein said calcareous granules  
2        and vitreous granules have sizes similar to each other.

1        4. Cement paint as claimed in Claim 1, wherein said vitreous granules  
2        comprise glass fragments of E-AR type.

1        5. Cement paint as claimed in Claim 1, wherein said vitreous granules  
2        comprise glass fragments at least partly agglomerated together by an  
3        aminosilane.

1        6. Cement paint as claimed in Claim 1, wherein said vitreous granules are  
2        perlex granules.

1        7. Cement paint as claimed in Claim 1, wherein said photo catalyst  
2        includes titanium oxide  $\text{TiO}_2$ .

1        8. Cement paint as claimed in Claim 1, wherein said cement binder  
2        includes white cement.

1        9. Cement paint vehicle, comprising at least one fluidizing liquid and a dry  
2        preparation, said fluidizing liquid being water and said dry preparation being

3 a powdered material comprising a calcareous aggregate, a vitreous  
4 aggregate, and a photo catalyst as claimed in Claim 1.

1     **10.** Dry preparation for cement paint, comprising a cement binder and  
2 further comprising: a calcareous aggregate comprising calcareous granules of  
3 calcium carbonate  $\text{CaCO}_3$  having maximum sizes smaller than 100 microns,  
4 and a vitreous aggregate comprising vitreous granules having maximum sizes  
5 smaller than 100 microns.

1     **11.** Dry preparation as claimed in Claim 10, wherein said calcareous  
2 granules have maximum sizes smaller than 50 microns and wherein said  
3 vitreous granules have maximum sizes smaller than 50 microns.

1     **12.** Dry preparation as claimed in Claim 10, wherein said calcareous  
2 granules and vitreous granules have sizes similar to each other.

1     **13.** Dry preparation as claimed in Claim 10, wherein said vitreous granules  
2 comprise glass fragments of E-AR type.

1     **14.** Dry preparation as claimed in claim 10, wherein said vitreous granules  
2 comprise glass fragments at least partly agglomerated with each other by an  
3 aminosilane.

1     **15.** Dry preparation as claimed in Claim 10, wherein said vitreous granules  
2 are perlex granules.

1     **16.** Dry preparation as claimed in claim 10, wherein said cement binder  
2 includes white cement.

1     **17.** Dry preparation as claimed in Claim 10, wherein a photo catalyst is  
2 provided, to oxidize polluting substances in the presence of light and air.

1     **18.** Dry preparation as claimed in Claim 17, wherein said photo catalyst  
2 includes titanium oxide  $\text{TiO}_2$ .